

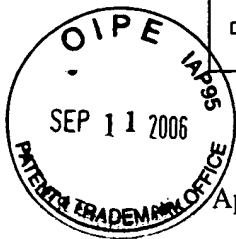
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Dated: September 6, 2006

Signature:

(Stephanie R. Douglas)

Docket No.: 0113507.00122US1/SHI-012  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Atsushi MIYAJIMA et al. Confirmation No.: Not Yet Assigned  
Application No.: 10/581,393 Art Unit: Not Yet Assigned  
Filed: June 2, 2006 Examiner: Not Yet Assigned  
Title: METHODS FOR PRODUCING HEMATOPOIETIC STEM CELLS OR  
VASCULAR ENDOTHELIAL PRECURSOR CELLS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

The references identified on the attached Form PTO/SB/08 as CI, CJ and CL were cited in the PCT International Search Report (copy enclosed) in the corresponding PCT application for this matter, PCT/JP04/016470; therefore copies of those references are not enclosed but can be provided to the Examiner by the International Bureau of WIPO upon request.

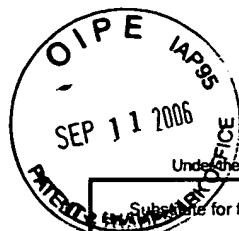
Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB/08 with the next communication.

Respectfully submitted,

Dated: September 6, 2006

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PTO/SB/08a/b (07-05)

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Submit for form 1449A/B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number				10/581393	
Filing Date				June 2, 2006	
First Named Inventor				Atsushi MIYAJIMA	
Art Unit				Not Yet Assigned	
Examiner Name				Not Yet Assigned	
Attorney Docket Number				0113507.00122US1/SHI-012	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO-01/34797 A1				
	BB	WO-02/102837 A2				

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	CA	FURNESS, et al., "Beyond Mere Markers: Functions for CD34 Family of Sialomucins in Hematopoiesis", Immunologic Research, 34(1):13-32 (2006)				
	CB	DOYONNAS, et al., "Podocalyxin is a CD34-Related Marker of Murine Hematopoietic Stem Cells and Embryonic Erythroid Cells", Blood, 105(11):4170-4178 (2005)				
	CC	HARA, et al., "Identification of Podocalyxin-Like Protein 1 as a Novel Cell Surface Marker for Hemangioblasts in the Murine Aorta-Gonad-Mesonephros Region", Immunity, 11:567-578 (1999)				
	CD	KEROSUO, et al., "Podocalyxin in Human Haematopoietic Cells", British Journal of Haematology, 124:809-818 (2004)				
	CE	KERSHAW, et al., "Molecular Cloning, Expression, and Characterization of Podocalyxin-like Protein 1 from Rabbit as a Transmembrane Protein of Glomerular Podocytes and Vascular Endothelium", Journal of Biological Chemistry, 270(49):29439-29446 (1995)				
	CF	KERSHAW, et al., "Molecular Cloning and Characterization of Human Podocalyxin-like Protein", Journal of Biological Chemistry, 272(25):15708-15714 (1997)				
	CG	KOBAYASHI, GenBank Accession No. AB020726				
	CH	MCNAGNY, et al., "Thrombomucin, a Novel Cell Surface Protein that Defines Thrombocytes and Multipotent Hematopoietic Progenitors", Journal of Cell Biology, 138(6):1395-1407 (1997)				
	CI	ONITSUKA, et al., "Two Distinct Precursors of Hematopoietic Stem Cells and Endothelial Progenitors Characterized by the PCLP1 Expression", Blood (ASH Annual Meeting Abstracts), 2005 Nov 16:106(11), Abstract 2274				
	CJ	NAKAYAMA, et al., Clinical Immunology (Rinsho), 36(5):751-8 (2001)				
	CK	ONITSUKA, et al., Blood (Journal of the American Society of Hematology), 102(11):166a (Abstract # 579), Epub. 2003 Nov. 4				
	CL	Tanaka, Immunology Frontier, 10(5):300-3003 (2000)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	Date Considered
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PTO/SB/21 (07-06)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/581,393
		Filing Date	June 2, 2006
		First Named Inventor	Atsushi MIYAJIMA
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	3	Attorney Docket Number	0113507.00122US1/SHI-012

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request SB/08 & 9 References <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	Ann-Louise Kerner, Ph.D.		
Date	September 6, 2006	Reg. No.	33,523

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